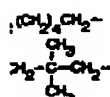


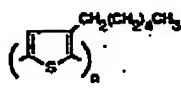
■ Polyhexyl ■

(de) alcohol, 5mL	18.90
$\frac{1}{2}$ CH bp 119° nD 1.3160 25mL	43.00
(de) alcohol, 5mL	15.90
$\frac{1}{2}$ (OCH ₂ CH ₂) ₂ OPO ₃ H ₂ 25mL	43.00
(de) monoalkylamide, 5g	15.90
9° d 1.700 25g	43.00
(de) 5mL	15.90
25mL	43.00
(de) monocarboxylic, 5mL	15.90
3000 d 1.770 Fp none 25mL	43.00
$\text{C}(\text{CH}_3)_2\text{CO}_2\text{H}$, 250g	18.30
1kg	53.70
14,200. Tm 58-65° 100mL	17.00
12° d 1.080 250mL	34.00
00 cps 100g	17.00
7° d 1.080 250g	34.00
0-8,000 cps 100mL	17.70
d 1.140 250mL	32.10
RYMATOR 100mL	17.70
250mL	32.10
100mL	17.70
250mL	32.10
Ion 6/12 page 1240	
V 6/9 page 1240	
7-6] 250mL	20.30
1.5340 d 1.100	
fo page 1240	
forms 100g	17.00
250g	34.00
190°C/2.16kg, DIN	
60-20-80. Tg -65°, Tm	
14-14-6] mp 33° 250g	21.30
1kg	58.80
ity 2.0. Tm (DSC,	
28-adipic acid] diol 250mL	20.50
[110°C] 1L	58.50
onality 2.1	
$\frac{1}{2}$ (CH ₂) ₄ nD 1.4810 25g	101.90
ABLE LIQUID TOXIC	
Average M _n ca.	

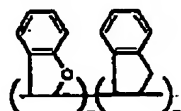


r fax 1-800-982-8591

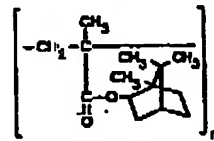
44,570-3 Poly(3-hexyloxythiophene-2,5-diyl), regioregular [104834-50-1] mp 238°	19	229.35
For the characterization and solid-state properties of this polymer, see J. Am. Chem. Soc. 1994, 117, 233.		
Solid. Greater than 98.5% head-to-tail regiospecific conformation. Average M _n ca. 87,000		
Product of Fluka® Metals, Inc.		
51,082-3 Poly(3-hexyloxythiophene-2,5-diyl), regiorandom [104834-50-1]	1g	229.35
For solid state properties see J. Am. Chem. Soc. 1994, 117, 233		
Red solid. Conducting polymer. 1:1 (head-to-head):(head-to-tail) linkages of regiomers.		
Product of Fluka® Metals, Inc.		
48,709-6 Poly(4-hydroxybenzoic acid-co-ethylene terephthalate) [125300-07-4]	100g	20.00
$[-\text{OC}_6\text{H}_4\text{CO}_2-]_x[-\text{OCH}_2\text{CH}_2\text{O}_2\text{C}_6\text{H}_4\text{CO}_2-]_y$		
Liquid crystalline copolyester		
43,234-2 Poly(4-hydroxybenzoic acid-co-6-hydroxy-2-naphthoic acid) [70679-52-4]	100g	21.10
$[-\text{OC}_6\text{H}_4\text{CO}_2-]_x[-\text{OC}_{10}\text{H}_6\text{CO}_2-]_y$, mp 280° d 1.500	500g	70.20
Liquid crystal random thermoplastic copolymer. Average M _n >20,000. Reinforced with ca. 15% glass fiber		
34,350-2 Poly(3-hydroxybutyric acid), natural origin [26063-00-3] $[-\text{COCH}_2\text{CH}(\text{C}_2\text{H}_5)\text{O}-]_n$	10g	41.10
RAS 1(2), 3163D	100g	263.40
T _m 172°C (DSC). Biodegradable polymer		
40,310-5 Poly(3-hydroxybutyric acid-co-3-hydroxyvaleric acid), natural origin	10g	32.40
$[-\text{OCH}_2\text{CH}(\text{CH}_3)\text{O}-]_x[-\text{COCH}_2\text{CH}(\text{C}_2\text{H}_5)\text{O}-]_y$, T _g 8 + 4.5° (c=0.1, CHCl ₃)	100g	207.80
RAS 1(2), 3163E		
PHV content 5 wt. %		
Produced via a controlled fermentation process using microorganisms. Biodegradable polymer		
40,311-3 Poly(3-hydroxybutyric acid-co-3-hydroxyvaleric acid), natural origin	10g	32.40
$[-\text{OCH}_2\text{CH}(\text{CH}_3)\text{O}-]_x[-\text{COCH}_2\text{CH}(\text{C}_2\text{H}_5)\text{O}-]_y$	100g	207.80
PHV content 8 wt. %		
Produced via a controlled fermentation process using microorganisms. Biodegradable polymer		
40,312-1 Poly(3-hydroxybutyric acid-co-3-hydroxyvaleric acid), natural origin	10g	32.40
$[-\text{OCH}_2\text{CH}(\text{CH}_3)\text{O}-]_x[-\text{COCH}_2\text{CH}(\text{C}_2\text{H}_5)\text{O}-]_y$	100g	207.80
PHV content 12 wt. %		
Produced via a controlled fermentation process using microorganisms. Biodegradable polymer		
19,206-6 Poly(2-hydroxyethyl methacrylate) [25249-16-5] $[-\text{CH}_2\text{C}(\text{CH}_3)(\text{CO}_2\text{CH}_2\text{CH}_2\text{OH})-]_n$	1g	13.20
d 1.150 FTIR 1(2), 1184C RAS 1(2), 3167F	10g	57.00
Crystals. Average M _n ca. 500,000	25g	113.80
18,213-3 Poly(2-hydroxypropyl methacrylate) [25703-79-1]	10g	68.40
$[-\text{CH}_2\text{C}(\text{CH}_3)(\text{CO}_2\text{CH}_2\text{CH}(\text{OH})\text{CH}_3)-]_n$ FTIR 1(2), 1180C Safety 2,2877A	25g	134.20
RAS 1(2), 3165K		
Crystals		
Poly(4-hydroxystyrene), see Poly(4-vinylphenol)		
44,868-8 Poly(indene-co-coumarone) [33343-70-5] d 1.140 Fp >250°F (110°C)	1kg	18.51
Flake. Average M _n ca. 735, 10 wt. % coumarone	3kg	41.41
44,869-6 Poly(indene-co-coumarone) [33343-70-5]	1kg	18.51
Flake. Average M _n ca. 1,090, 10 wt. % coumarone	3kg	41.41
19,195-7 Poly(isobornyl methacrylate) [64114-51-6] FTIR 1(2), 1194B RAS 1(2), 3167E	10g	42.61
Beads. Average M _n ca. 554,000 (GPC). T _g 110°. Solubility parameter 8.1		
18,143-5 Polyisobutylene [9003-27-4] $[-\text{CH}_2\text{C}(\text{CH}_3)_2-]_n$ nD 1.5045 d 0.920 FTIR 1(2), 1182B	100g	48.31
Safety 2,28788 RAS 1(2), 3151N. FTIR 1(2), 1182B	250g	80.71
Stabchunk. Stabilized with 500 ppm 2,6-di-tert-butyl-4-methylphenol. Average M _n ca. 420,000, M _w ca. 500,000, M _n ca. 200,000 (GPC/MALLS). T _g -76°. Tm 1.5°. Solubility parameter 7.7		
18,148-3 Polyisobutylene [9003-27-4] $[-\text{CH}_2\text{C}(\text{CH}_3)_2-]_n$	100g	41.41
Stabchunk. Stabilized with 500 ppm 2,6-di-tert-butyl-4-methylphenol. Average M _n ca. 1,200,000, M _w ca. 1,000,000, M _n ca. 600,000 (GPC/MALLS)	250g	74.81



44,570-3



44,668-8



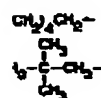
19,193-7

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■ 1375 ■

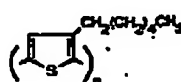
BEST AVAILABLE COPY

la) alcohol, _____	5ml	15.90
34 bp 118° nD 1.3160	25ml	43.00
lb) alcohol, _____	5ml	15.90
(OCH ₂ CH ₂) ₂ OPO ₃ H ₂	25ml	43.00
lc) monoalkylamide _____	5g	15.90
d 1.700	25g	43.00
ld) _____	5ml	15.90
	25ml	43.00
le) monocarboxylic _____	5ml	15.90
00 d 1.770 Fp none	25ml	43.00
(CH ₂) ₄ CO ₂ H _____	250g	18.30
1200. Tm 55-65°	1kg	53.70
d 1.090	100ml	17.00
	250ml	34.00
l cps _____	100g	17.00
d 1.090	250g	34.00
8,000 cps _____	100ml	17.70
1.140	250ml	32.10
HYMATOR _____	100ml	17.70
	250ml	32.10
n 6/12 page 1240		
6/9 page 1240		
d) _____	250ml	20.30
1.5340 d 1.100		
l page 1240		
H ₂ O _____	100g	17.00
	250g	34.00
10°C/2.16kg DIN		
0.2080. Tg -65°, Tm		
4-14-6 mp 33°	250g	21.20
	1kg	58.80
y 2.0. Tm (DSC,		
iodic acid) diol _____	250ml	20.50
110°C)	1L	58.50
ratio 2:1		
(CH ₂) ₄ nD 1.4810	25g	101.80
WILEY LIQUID TOXIC		
Average M _n ca.		

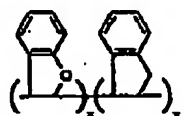


■ Polyhexylt ■

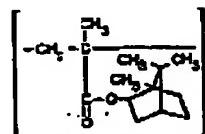
44,570-3 Poly(3-hexylthiophene-2,5-diyl), regioregular [104934-60-1] mp 238°	1g	229.35
For the characterization and solid-state properties of this polymer, see <i>J. Am. Chem. Soc.</i> 1994, 117, 233.		
Solid. Greater than 98.5% head-to-tail regiospecific conformation. Average M _n ca. 57,000		
Product of Rika® Metals, Inc.		
51,082-3 Poly(3-hexylthiophene-2,5-diyl), regiorandom [104934-60-1]	1g	229.35
For solid state properties see <i>J. Am. Chem. Soc.</i> 1994, 117, 233		
Red solid. Conducting polymer. 1:1 (head-to-head):(head-to-tail) linkages of regiomers.		
Product of Rika® Metals, Inc.		
49,709-6 Poly(4-hydroxybenzoic acid-co-ethylene terephthalate) [125300-07-4]	100g	20.00
(-OC ₆ H ₄ CO-) _x (-OCH ₂ CH ₂ O ₂ CC ₆ H ₄ CO-) _y		
Liquid crystalline copolyester		
43,234-2 Poly(4-hydroxybenzoic acid-co-6-hydroxy-2-naphthoic acid) [70679-62-4]	100g	21.10
(-OC ₆ H ₄ CO-) _x (-OC ₁₀ H ₆ CO-) _y , mp 280° d 1.500	500g	70.20
Liquid crystal random thermoplastic copolymer. Average M _n >20,000. Reinforced with ca. 15% glass fiber		
36,350-2 Poly(3-hydroxybutyric acid), natural origin [26069-00-3] (-COCH ₂ CH(CH ₃)-) _n	10g	41.10
R&S 1(2),3163D	100g	263.40
T _m 172°C (DSC). Biodegradable polymer		
40,310-5 Poly(3-hydroxybutyric acid-co-3-hydroxyvaleric acid), natural origin	10g	32.40
[60181-31-3] (-COCH ₂ CH(CH ₃)-O-) _x (-COCH ₂ CH(CH ₂ CH ₃)-O-) _y [α _D +4.5° (c=0.1, CHCl ₃)	100g	207.80
R&S 1(2),3163E		
PHV content 5 wt. %		
Produced via a controlled fermentation process using microorganisms. Biodegradable polymer		
40,311-3 Poly(3-hydroxybutyric acid-co-3-hydroxyvaleric acid), natural origin	10g	32.40
[60181-31-3] (-COCH ₂ CH(CH ₃)-O-) _x (-COCH ₂ CH(CH ₂ CH ₃)-O-) _y	100g	207.80
PHV content 8 wt. %		
Produced via a controlled fermentation process using microorganisms. Biodegradable polymer		
40,312-1 Poly(3-hydroxybutyric acid-co-3-hydroxyvaleric acid), natural origin	10g	32.40
[60181-31-3] (-COCH ₂ CH(CH ₃)-O-) _x (-COCH ₂ CH(CH ₂ CH ₃)-O-) _y	100g	207.80
PHV content 12 wt. %		
Produced via a controlled fermentation process using microorganisms. Biodegradable polymer		
18,206-6 Poly(2-hydroxyethyl methacrylate) [25249-18-5] [-CH ₂ C(CH ₃)(CO ₂ CH ₂ CH ₂ OH)-] _n	1g	18.20
d 1.150 FTIR 1(2),1194C R&S 1(2),3167F	10g	57.00
Crystals. Average M _n ca. 800,000	25g	112.80
18,213-3 Poly(2-hydroxypropyl methacrylate) [25703-78-1]	10g	68.40
(-CH ₂ C(CH ₃)(CO ₂ CH ₂ CH(OH)CH ₃)-) _n FTIR 1(2),1190C Safety 2,2877A	25g	134.20
R&S 1(2),3165K		
Crystals		
3 Poly(4-hydroxystyrene), see Poly(4-vinylphenol)		
44,668-6 Poly(indene-co-coumarone) [35343-70-5] d 1.140 Fp >230°F (110°C)	1kg	18.50
Flake. Average M _n ca. 735, 10 wt. % coumarone	2kg	41.40
44,669-6 Poly(indene-co-coumarone) [35343-70-5]	1kg	18.50
Flake. Average M _n ca. 1,090, 10 wt. % coumarone	2kg	41.40
18,195-7 Poly(isobornyl methacrylate) [64114-51-8] FTIR 1(2),1194B R&S 1(2),3167E	10g	42.60
Beads. Average M _n ca. 554,000 (GPC). Tg 110°. Solubility parameter 8.1		
18,145-5 Poly(isobutylene) [9003-27-4] [-CH ₂ C(CH ₃)-] _n nD 1.5045 d 0.920 FTIR 1(2),1182B	100g	48.30
Safety 2,2878B R&S 1(2),3151N RTECS# UD1010000	250g	60.70
Starchlike. Stabilized with 500 ppm 2,6-di- <i>tert</i> -butyl-4-methylphenol. Average I _h ca. 420,000, M _w ca. 500,000, M _n ca. 200,000 (GPC/MALLS). Tg -76°. Tm 1.5°. Solubility parameter 7.7		
18,146-3 Polyisobutylene [9003-27-4] [-CH ₂ C(CH ₃)-] _n	100g	41.40
Starchlike. Stabilized with 500 ppm 2,6-di- <i>tert</i> -butyl-4-methylphenol. Average I _h ca. 1,200,000, M _w ca. 1,000,000, M _n ca. 600,000 (GPC/MALLS)	250g	74.60



44,570-3



44,668-6



18,195-7

$$\begin{array}{c} \text{CH}_2\text{CH}_2- \\ | \\ \text{CH}_3 \\ | \\ \text{H}_2\text{C}-\text{C}-\text{CH}_2- \\ | \\ \text{CH}_3 \end{array}$$
$$\left(\text{S} - \begin{array}{c} \diagdown \\ \text{CH}_2(\text{CH}_2)_4\text{CH}_2 \\ \diagup \end{array} \right)_n$$
